

MAR 17 2010

March 8, 2010

U.S. Environmental Protection Agency, Region 1
Water Technical Unit (SEW)
One Congress Street, Suite 1100
Boston, Massachusetts 02114-8127

**Subject: February 2010 NPDES Remediation General Permit Discharge Monitoring Report
Authorization # MAG910117**

Dear Sir or Madam:

This report summarizes the February 2010 operation of the permanent water treatment system for the Phase I parking garage (Kendall Square Garage) at the Kendall Square Site (formerly the Cambridge Research Park Site), located in Cambridge, Massachusetts, operating under NPDES Remediation General Permit (RGP) Authorization # MAG910117. The treatment system discharges to the Broad Canal.

On October 21, 2008, USEPA Region 1 authorized a Notice of Change to reduce the discharge monitoring program at this site, and these changes were initiated with the November 2008 monitoring event. The revised program requires effluent sampling as follows:

- Monthly: pH, total residual chlorine (TRC), and instantaneous and total flow
- Quarterly: benzene and copper (total recoverable)
- Semiannually: ethyl benzene, toluene, and xylene

The February 2010 sampling event included the monthly and quarterly parameters. The water treatment system was sampled February 15, 2010, and the effluent results are reported on the enclosed Discharge Monitoring Report (DMR). All effluent results were below the requirements of the RGP Permit.

The instantaneous flow at the time of sampling was 24.1 gallons per minute and a total of 715,856 gallons of treated water was discharged from the Kendall Square Garage water treatment system during this month.

Regards,



cc: MADEP Northeast Regional Office (RTN 3-4570)
J. Atkins - AECOM
E. Walsh, MIRA Development
S. DeLiddo, BioMed Realty

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME **BMR-350 E Kendall F LLC**

ADDRESS **Kendall Square Garage
350 Kendall Street
Cambridge, MA 02142**

Contact Telephone Number (978) 589-3000

Appendix VIII: Monthly Summary Form for Remediation General Permit

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

MAG910117

PERMIT NUMBER

001

DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
10	02	01	10	02	28

FROM

TO

(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

☐ Check here if No Discharge

NOTE: Read Instructions before completing this form

FACILITY OR DISCHARGE LOCATION: Kendall Square Garage EFFLUENT

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
Instantaneous Flow	REPORTED					24.1		0	1/28	instant.
	PERMIT REQUIREMENT					monitor				
Total Flow	REPORTED					0.026		0	NA	NA
	PERMIT REQUIREMENT					monitor				
pH	REPORTED					7.37		0	1/28	grab
	PERMIT REQUIREMENT					6.5 - 8.3				
Total Residual Chlorine (TRC)	REPORTED					0		0	1/28	grab
	PERMIT REQUIREMENT					20				
Copper(total recoverable)	REPORTED					0		0	1/28	grab
	PERMIT REQUIREMENT					260				
Benzene	REPORTED					0		0	1/28	grab
	PERMIT REQUIREMENT					5				
Toluene	REPORTED					0		0	1/28	grab
	PERMIT REQUIREMENT					n/a				

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under those statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

LAST FIRST MI Title

AREA CODE

NUMBER

YEAR

MO

DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

New England Testing Laboratory, Inc. NS - Not sampled. Note: Beginning Nov. 2008, copper and benzene are sampled quarterly; ethyl benzene, toluene, and xylenes are sampled semiannually; and the rest of the parameters are sampled monthly.

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Ethylbenzene	REPORTED					0		ug/L	0	1/28	grab
	PERMIT REQUIREMENT					n/a					
(m,p,o)Xylenes(total)	REPORTED					0		ug/L	0	1/28	grab
	PERMIT REQUIREMENT					n/a					
Total BTEX (calculated)	REPORTED					0		ug/L	0	1/28	grab
	PERMIT REQUIREMENT					100					
	REPORTED										
	PERMIT REQUIREMENT										
	REPORTED										
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